

4. (Twice Amended) The method of claim 1, further comprising the steps of:  
hot-pressing the negative electrode black mix; and  
wherein the hot-pressing is performed in one of an inert gas atmosphere and a dry air atmosphere.

6. (Twice Amended) A method of producing a non-aqueous electrolyte battery, including a positive electrode containing a lithium composite oxide; a negative electrode containing a negative electrode material composed of a mixture of a non-carbon material in or from which lithium is doped or released and a carbon material, said negative electrode being disposed opposite to the positive electrode; and a non-aqueous electrolytic solution used as a non-aqueous electrolyte interposed between the positive electrode and the negative electrode, said method comprising the steps of:

winding the negative electrode into a wound body in an inert gas atmosphere or a dry air atmosphere; and

pouring the non-aqueous electrolytic solution in the non-aqueous electrolyte battery in an inert gas atmosphere or a dry air atmosphere,

wherein a ratio of an average particle size  $R_M$  of the non-carbon material in the negative electrode material to an average particle size  $R_C$  of the carbon material in the negative electrode material is in a range of  $R_M/R_C \leq 1$ .

Please cancel claims 2, 3, 5, and 7.